| Index of | Claims |
|----------|--------|
|          |        |

Application No.

10/665,192

Examiner

Xu Mei

Applicant(s)

NEUNABER, BRIAN

Art Unit

2644

√ Rejected
= Allowed

- (Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

|         |  | Date                    |               |                               |                               |        | Claim Date |            |              |               | _        | Claim                   |   |                         |          | Date |       |          |   |              |          |   |          |          |   |               |   |
|---------|--|-------------------------|---------------|-------------------------------|-------------------------------|--------|------------|------------|--------------|---------------|----------|-------------------------|---|-------------------------|----------|------|-------|----------|---|--------------|----------|---|----------|----------|---|---------------|---|
|         | <u></u>  | a                       |               |                               |                               |        |            | <u>_</u>   | 9            |               |          |                         |   | 1 1                     | Ì        |      | _     | ਲ        |   |              |          |   |          | ١        |   | 1             |   |
| Final   | Original   | 9 27 4                  |               |                               |                               |        | Final      | Original   | 2            |               |          | 1                       |   |                         |          |      | Final | Original |   |              |          | ١ | ļ        |          |   |               |   |
| ፲፰      | [ \text{\tint{\text{\tint{\text{\ti}\}\\ \text{\text{\text{\text{\text{\text{\text{\text{\texi{\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}}}\\ \text{\text{\text{\text{\text{\text{\text{\text{\text{\te}\}\til\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\}\til\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\texi}\}\tit | 21                      |               |                               |                               |        | ΙŒ         | Ë          | 4            |               | 1        |                         |   | 1                       | - }      | ŀ    | ᄪᅵ    | ξ        |   |              |          |   |          |          |   |               | 1 |
|         |  | $\mathcal{H}_{1}$       | _ _ _         |                               |                               | _      |            |            | 04           |               |          |                         |   |                         |          | L    |       |          |   |              |          |   | _        | _        | $\perp$   | _             | _ |
|         | 0  | $\sqrt{}$               |               |                               |                               |        |            | 51         | 1            |               |          |                         |   |                         |          | L    |       | 101      |   |              |          | _ | 4        | _        | ᆜ   | 4             | Ц |
|         |  | <b>V.</b>               |               |                               | Ш.                            | ╛      |            | 52         | V            |               |          |                         | $\perp$   |                         | _        | L    |       | 102      |   | 4            |          | _ |          | $\dashv$ |   |               | _ |
|         | 3  |                         |               |                               |                               |        |            | 53         | 1            | $\overline{}$ |          |                         |   |                         |          |      |       | 103      |   |              |          |   | $\perp$  |          |   | $\perp$       | ╝ |
|         | 4  | $\mathbb{H}$            |               |                               |                               |        |            | 54         | $\checkmark$ |               |          | Ш                       |   |                         |          |      |       | 104      |   |              |          |   | _        | _ .      |   |               | _ |
|         | 5  |                         |               |                               |                               |        |            | 55         | V            |               |          |                         | $\perp$   | Ш                       | _        |      |       | 105      |   |              | _        |   |          |          |   | 4             | ╝ |
|         | 6  |                         |               |                               |                               |        |            | 56         | ol           |               |          |                         | $\perp$   | Ш                       | _        |      |       | 106      |   |              | _        |   | $\perp$  | _        |   | 1             | _ |
|         | 7  |                         |               |                               | $\perp \perp$                 | _      |            | 57         | 9            |               |          | Ш                       |   | $\perp \perp$           | _        |      |       | 107      | _ | _            | _        |   | $\dashv$ | _        | $\bot$  | _ _           |   |
|         | 8  |                         |               |                               | $\perp$                       | _      |            | 58         | ~            |               |          | Ш                       | $\perp$   |                         |          | _    |       | 108      |   | _            | _        | _ | _ .      |          | $\perp$   | _             |   |
|         | 9  |                         |               |                               |                               |        |            | 59         | ~            |               |          | Ш                       | $\perp$   | Ш                       | _        | L    |       | 109      |   | _            | $\dashv$ |   | 1        | _        |   |               | _ |
|         | 10   |                         |               |                               |                               | _      |            | 60         | Ý            |               |          | Ш                       | $\perp$   | $\perp \perp$           |          | _    |       | 110      | _ |              | _        |   | _        | _        |   |               | _ |
|         | 11   | $\perp \parallel \perp$ | $\perp$       | $\perp \perp$                 |                               | _      |            | 61         | V            | $\perp$       | 4        | $\sqcup$                | $\perp$   | $\perp \perp$           | Ш        | L    |       | 111      | _ |              | 4        | _ | _        | _        | $\perp$   | $\perp$       |   |
|         | 12   | 4                       | $\perp \perp$ | $\bot\bot$                    | $\perp \perp$                 | _      | <u></u>    | 62         | 7            |               |          | $\sqcup \bot$           | $\perp$   | $\downarrow \downarrow$ | Ш        |      |       | 112      |   |              | 4        | _ | 4        | _        | 4   | 4             |   |
|         | 13   |                         |               | $\perp \perp$                 | $\bot$                        | _      | <u></u>    | 63         | ٥            |               | _        | $\sqcup \bot$           |   | 1_1                     |          |      |       | 113      | ļ |              |          | ļ | _        |          | _   | $\perp$       | _ |
|         | 14   | 11.                     |               | 11                            | $\perp \perp$                 | _      | <u> </u>   | 64         | 0 > >        | _             |          | $\sqcup$                | $\perp$   | $\perp \perp$           |          | L    |       | 114      |   |              |          | ļ |          | _        | 1   | _             | _ |
|         | 15   |                         |               | $\perp \perp$                 | $\perp \perp$                 | _      |            | (65)<br>66 | Ŋ            |               |          | $\sqcup$                | $\perp$   | $\perp \perp$           |          | L    |       | 115      |   | _            | $\perp$  |   |          | _        | $\perp$   | ┸             | _ |
|         | 16   |                         |               |                               |                               |        |            | 66         | V            |               |          | Ш                       |   |                         | _        | L    |       | 116      |   | _            |          | _ | 4        | _        |   | 4             |   |
|         | 17   |                         |               | $\perp \perp$                 | $\bot \bot$                   | _      | L          | 67         | <b>V</b>     |               |          | $\sqcup \bot$           | $\perp$   | $\perp \perp$           |          | L    |       | 117      |   | $\perp$      | $\perp$  | _ |          |          | _   | 4             |   |
|         | 18   |                         |               |                               |                               | _      |            | 68         | V            |               |          |                         |   | $\perp \perp$           | _        | L    |       | 118      | _ | _            | _        | _ | _        | 4        |   | _             |   |
|         | 19   |                         | Ш.            |                               |                               |        |            | 69         | 0            |               | $\perp$  |                         | $\perp$   |                         |          |      |       | 119      |   |              | _        | _ |          |          |   | $\perp$       |   |
|         | 20   | $\Box$                  |               |                               | 11                            |        |            | 70         | v            |               |          |                         | $\perp$   |                         |          | L    |       | 120      |   |              | _        | _ |          | $\perp$  | _   | $\perp$       |   |
|         | 21   |                         |               |                               | $\perp \perp$                 |        |            | 71         | D            |               |          | Ш                       |   |                         |          |      |       | 121      |   |              | _        | _ | _        |          | 4   | $\perp$       |   |
|         | 22   |                         |               |                               |                               |        |            | 72         | V            |               |          | Ш                       |   |                         |          |      |       | 122      | _ |              | 4        |   | _        |          |   | _             |   |
|         | (23)   |                         |               | $\perp \perp$                 |                               | _      |            | 73         | V            |               |          | $\sqcup$                | _   |                         |          | L    |       | 123      |   |              | $\dashv$ |   | _        |          |   | _             |   |
|         | 24   |                         |               |                               |                               |        |            | 74         | $\checkmark$ |               |          | $\sqcup 1$              |   | $\perp \perp$           |          | L    |       | 124      |   |              | _        |   | _        |          | $\perp$   | $\perp$       |   |
|         | 25   |                         |               |                               |                               |        | L          | 75         | 0            |               | <u> </u> |                         |   | $\perp \perp$           |          | L    |       | 125      | _ |              |          |   |          | _        |   | $\perp$       | _ |
|         | 26   |                         |               |                               |                               | - 5    |            | 76.        | a            | $\perp$       |          |                         |   | .Ш                      | _        | L    |       | 126      | _ | ]            | _        |   |          | _        |   | 4             |   |
|         | 27   | 411                     |               | $\perp \perp$                 |                               | ╛▔     |            | 77         |              |               |          | 1_1                     |   | $\perp$                 | _        |      |       | 127      |   |              |          |   | _        | _1       |   | 4             |   |
|         | 28   |                         |               | $\perp$                       |                               |        |            | 78         | $\sqcup$     | _             |          | $\sqcup$                |   |                         |          | L    |       | 128      | _ |              |          | _ | _        | _        |   | 4             |   |
|         | 29   |                         |               | $\perp \perp$                 |                               |        |            | 79         | Ш            |               |          |                         |   |                         |          | L    |       | 129      |   |              | _        |   |          | _        |   | 4             |   |
| <u></u> | 30   |                         |               |                               | $\perp$                       | _      |            | 80         | Ш            |               |          | $\sqcup \bot$           |   | $\perp \perp$           |          | L    |       | 130      |   |              |          | _ | _        | _        |   | $\perp$       | _ |
|         | 31   |                         |               |                               |                               | _      |            | 81         |              |               |          |                         |   |                         |          | L    |       | 131      |   |              |          | _ | _        | _        | $\perp$   | _             |   |
|         | 32   |                         |               |                               |                               |        |            | 82         |              |               |          | Ш                       |   | $\perp$                 |          | L    |       | 132      |   |              |          | _ | _        | _        | $\perp$   |               |   |
| <u></u> | 33   | 111                     | $\perp \perp$ |                               |                               |        |            | 83         |              |               |          | Ш                       | $\perp$   | $\perp$                 | _        | L    |       | 133      |   |              |          | _ | 4        |          | _   | _             |   |
|         | 34   |                         | $\bot \bot$   | $\bot \bot$                   | $\perp \downarrow$            | _      |            | 84         | Ш            |               |          | $\sqcup$                | $\perp$   | $\bot$                  | _        | L    |       | 134      |   |              | _        | _ | _        |          | $\dashv$  | _             |   |
|         | 35   |                         | $\perp$       | $\bot$                        |                               | _      |            | 85         | $\sqcup$     |               | $\bot$   | $\sqcup$                | $\perp$   | $\bot$                  | _        | L    |       | 135      |   | $\sqcup$     | _        |   | _        |          | _   | _             |   |
|         | 36   |                         | $\perp$       | $\perp \downarrow$            |                               | _      | <u></u>    | 86         |              |               |          | Ш                       | $\perp$   | $\perp$                 |          | _    |       | 136      |   | Ш            | _        |   |          |          | $\perp$   |               |   |
|         | 37   |                         |               | $\perp \downarrow$            |                               |        |            | 87         |              | _             |          | 1                       |   | $\bot$                  |          | L    |       | 137      |   | Ш            | _        |   | _        |          | $\dashv$  | _             |   |
| <u></u> | 38   |                         | _             | $\downarrow \downarrow$       | $\perp \downarrow \downarrow$ |        |            | 88         | Ш            | _             |          | $\sqcup$                |   | $\bot$                  | _        | L    |       | 138      |   |              | _        |   |          |          | $\dashv$  | $\perp$       |   |
| L       | 39   |                         |               | $\perp \perp$                 | $\perp \perp$                 | _      |            | 89         | Ш            | _             |          | $\downarrow \downarrow$ |   | $\perp \perp$           | _        |      |       | 139      |   | $\sqcup$     |          |   | _        |          | $\perp$   | $\perp$       |   |
| L       | 40   | $\sqcup \sqcup \sqcup$  | $\bot$        | $\perp \downarrow \downarrow$ | $\perp \perp$                 | _      | L          | 90         | $\sqcup$     |               | $\perp$  | $\sqcup$                | 4   | $\perp$                 | $\dashv$ | <br> |       | 140      |   |              |          |   | _        |          |   | _             | _ |
|         | 41   |                         |               |                               |                               | $\Box$ |            | 91         | Ш            | $\perp$       |          | $oxed{oxed}$            | $\perp$   | ot                      |          | L    |       | 141      |   | $\square$    |          |   | ļ        |          | $\dashv$  | $\perp$       |   |
|         | 42   |                         |               |                               |                               | $\Box$ |            | 92         | Ш            |               |          |                         |   |                         |          | L    |       | 142      |   | Ш            |          |   |          |          |   |               |   |
|         | 43   |                         |               |                               | $\perp$                       | _      |            | 93         | $\sqcup$     |               | $\perp$  | $\sqcup$                |   |                         |          |      |       | 143      |   |              |          |   |          |          | _   | $\perp$       |   |
|         | (44)   |                         |               |                               | $\perp \perp$                 | _      |            | 94         | Ш            |               | $\perp$  | $\Box$                  | _   |                         |          | L    |       | 144      |   | Ш            | _        |   |          |          | $\perp$   | ightharpoonup |   |
|         | 45   |                         |               |                               |                               | _      |            | 95         |              |               |          |                         |   |                         |          |      |       | 145      |   | $oxed{oxed}$ |          |   |          |          |   |               |   |
|         | 46   |                         |               |                               |                               | J      |            | 96         |              |               |          |                         |   |                         |          |      |       | 146      |   | Ш            | ]        |   |          |          | $\Box$  | $\_I$         |   |
|         | 47   |                         |               |                               |                               |        |            | 97         |              | $\Box \Box$   |          |                         | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |                         |          |      |       | 147      |   |              |          |   |          |          | $\_ \mathbb{I}$   |               |   |
|         | 48   | V                       |               |                               |                               |        |            | 98         |              |               |          |                         |   |                         |          |      |       | 148      |   |              |          |   |          |          | $oldsymbol{ol}}}}}}}}}}}}}}}$ |               |   |
|         | 49   | <b>V</b>                |               |                               |                               |        |            | 99         |              |               |          |                         |   | $\perp$                 |          |      |       | 149      |   |              |          |   |          |          |   |               |   |
|         | 50   | V                       |               |                               |                               |        |            | 100        |              |               |          |                         |   |                         |          |      |       | 150      |   |              |          |   |          |          | _T  | $_{\perp}$ T  |   |